Amendments to the Claims

Please replace the paragraph on page 2, beginning on line 26, with the following:

A client can receive the data at a higher bandwidth by establishing multiple communication paths with the service provider. The service provider disassembles the data and transmits segments of the data over the multiple communication paths. The client reassembles the segments of data that ~~was~~ were received over the multiple communication paths using conventional techniques. Unfortunately, the multiple communication paths should ideally be of the same media type to allow for easier reassembly of the segments of data. In some situations, that could mean installing three or more phone lines into a building in order to get the increased bandwidth. If the communication paths are not of the same media type, the client may have a more difficult time reassembling the segments of data.

Please replace the paragraph on page 7, beginning on line 3, with the following:

Under normal operation, client 340 communicates with ISP 300 using communication path 112. However, situations may arise where client 340 needs or wants a higher bandwidth connection with ISP 300. If client 340 wants to retrieve a first data set and a second data set from network 350, then client 340 transfers a transmit request to control system 110 over wireline communication path 112. Control system 110 receives the transmit request through wireline interface 314 and wireline communication path 112. Control system 110 processes the transmit request to generate a data request for the first data set and the second data set. Control system 110 transmits the data request to network 350 over path 330. For example, network 350 is the Internet. Control system 110 then receives the first data set and the second data set from network 350 in response to the data request. Those skilled in the art will appreciate that ISP 300 could also store the first data set and the second data set. In such a case, control system 110 would not have to generate the data request.

Please replace the paragraph on page 7, beginning on line 30, with the following:

If client 340 is authorized and capable of communicating with wireless transfer system 108 through wireless interface 324, then control system 110 selects a client configuration type. Client configuration types include terminal identifiers, frequency ranges, wireless communication type, power-on control sequences for transceiver initialization, encryption types, security certificates, and other information. If control system 110 finds the appropriate configuration type, then control system 110 sets a wireless communication timer. The wireless communication timer keeps track of the amount of time client 340 receives the bandwidth boost. Control system 110 also registers client 340 as the current user of wireless interface 324. Control system 110 then generates a reply message that grants client 340 access to the bandwidth boost and provides client 340 an appropriate address configuration. Control system 110 transmits the reply message to client 340 over wireline communication path 112 using wireline interface 314. Client 340 configures wireless interface 342 to communicate with wireless transfer system 108 through wireless interface 324. When wireless interface 342 is configured, wireless transfer system 108 establishes wireless communication path 114.

3   (Response to 10-7-04 Office Action)

Amendments to the Claims

1. (Original) A method of operating a bandwidth boost system for use in a communication device, the method comprising:

receiving a transmit request from a client over a wireline communication path for a first data set and a second data set;

processing the transmit request to generate first transmit instructions and second transmit instructions;

transmitting the first data set to the client over the wireline communication path based on the first transmit instructions; and

establishing a wireless communication path with the client based on the second transmit instructions and transmitting the second data set to the client over the wireless communication path based on the second transmit instructions.

2. (Original) The method of claim 1 further comprising transmitting the first data set to the client over the wireline communication path and transmitting the second data set to the client over the wireless communication path concurrently.

3. (Original) The method of claim 1 wherein processing the transmit request to generate the first transmit instructions and the second transmit instructions comprises processing the transmit request to select the wireless communication path for transmission of the second data set to the client based on quality of service.

4. (Original) The method of claim 1 wherein processing the transmit request to generate the first transmit instructions and the second transmit instructions comprises processing the transmit request to select the wireless communication path for transmission of the second data set to the client based on the size of the second data set.

<div align="center">4</div>

(Response to 10-7-04 Office Action)

5. (Original) The method of claim 1 further comprising generating a data request for the first data set and the second data set in response to receiving the transmit request, transmitting the data request to a network, and receiving the first data set and the second data set from the network in response to the data request.

6. (Original) The method of claim 1 wherein the second data set comprises a streaming video.

7. (Original) The method of claim 1 wherein the second data set comprises an Internet radio feed.

8. (Original) The method of claim 1 further comprising generating billing records based on transmissions over the wireline communication path and the wireless communication path.

9. (Original) The method of claim 1 further comprising storing configuration information for the client and processing the configuration information to generate the second transmit instructions.

10. (Original) The method of claim 1 wherein establishing the wireless communication path comprises communicating with a Mobile Telephone Switching Office.

11. (Original) The method of claim 1 wherein establishing the wireless communication path comprises communicating with a cell site.

12. (Original) The method of claim 1 wherein establishing the wireless communication path comprises communicating with a Multichannel Multipoint Distribution Service (MMDS) system.

(Response to 10-7-04 Office Action)

13. (Original) A bandwidth boost system for use in a communication device, comprising:

a control system configured to receive a transmit request for a first data set and a second data set, process the transmit request to generate first transmit instructions and second transmit instructions, and transfer the first data set, the second data set, the first transmit instructions and the second transmit instructions; .

a wireline transfer system configured to receive the transmit request from a client over a wireline communication path, transfer the transmit request to the control system, receive the first data set and the first transmit instructions from the control system, and transmit the first data set to the client over the wireline communication path based on the first transmit instructions; and

a wireless transfer system configured to receive the second data set and the second transmit instructions from the control system, establish a wireless communication path with the client based on the second transmit instructions, and transmit the second data set to the client over the wireless communication path based on the second transmit instructions.

14. (Original) The bandwidth boost system of claim 13 wherein the wireline transfer system is configured to transmit the first data set to the client over the wireline communication path concurrently as the wireless transfer system transmits the second data set to the client over the wireless communication path.

15. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to process the transmit request to select the wireless communication path for transmission of the second data set to the client based on quality of service.

16. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to process the transmit request to select the wireless communication path for transmission of the second data set to the client based on the size of the second data set.

17. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to generate a data request for the first data set and the second data set in response to receiving the transmit request, transmit the data request to a network, and receive the first data set and the second data set from the network in response to the data request.

6   (Response to 10-7-04 Office Action)

18. (Original) The bandwidth boost system of claim 13 wherein the second data set comprises a streaming video.

19. (Original) The bandwidth boost system of claim 13 wherein the second data set comprises an Internet radio feed.

20. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to generate billing records based on transmissions over the wireline communication path and the wireless communication path.

21. (Original) The bandwidth boost system of claim 13 wherein the control system is further configured to store configuration information for the client and process the configuration information to generate the second transmit instructions.

22. (Original) The bandwidth boost system of claim 13 wherein the wireless transfer system is further configured to communicate with a Mobile Telephone Switching Office to establish the wireless communication path.

23. (Original) The bandwidth boost system of claim 13 wherein the wireless transfer system is further configured to communicate with a cell site to establish the wireless communication path.

24. (Original) The bandwidth boost system of claim 13 wherein the wireless transfer system is further configured to communicate with a Multichannel Multipoint Distribution Service (MMDS) system to establish the wireless communication path.